

10/590383

1APR Rec'd PCT/PTO 23 AUG 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Hiroshi HASEGAWA, et al.**

Serial Number: **Not Yet Assigned**
(§371 of International Application PCT/JP05/02955)

Filed: **August 23, 2006**

For: **EXPANDER**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

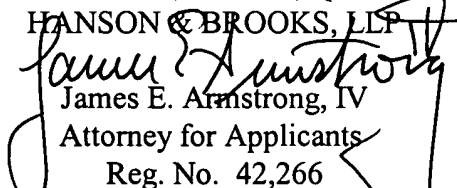
August 23, 2006

Sir:

In compliance with 37 CFR 1.56, Applicants call to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449 and cited in the enclosed international search report. References AA-AB and AE-AG are cited in the international search report.

A copy of each of the references, except for the U.S. patent, is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 01-2340.

Respectfully submitted,
ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP

James E. Armstrong, IV
Attorney for Applicants
Reg. No. 42,266

JAM/jaz
Atty. Docket No. **060619**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; References (3); International Search Report

10/590383
IAP9 Rec'd PCT/PTO 23 AUG 2006

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 060619	Serial No. New Application
	Applicant(s): Hiroshi HASEGAWA, et al.	
	Filing Date: August 23, 2006	Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	4,826,409	H. Kohayakawa, et al.	05/02/89		
_____	AB	5,616,019	H. Hattori, et al.	04/01/97		
_____	AC					
_____	AD					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AE	2004-197640	07/15/04	Japan Yes-Abstract
_____ AF	3-222884	10/01/91	Japan Yes-Abstract
_____ AG	59-25097	02/08/84	Japan Yes-Abstract
_____ AH			
_____ AI			

OTHER DOCUMENTS

_____	AJ			
_____	AK			
<table style="width: 100%;"> <tr> <td style="width: 40%;">Examiner</td> <td style="width: 60%;">Date Considered</td> </tr> </table>			Examiner	Date Considered
Examiner	Date Considered			